



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1614

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1614
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Patent Application of

Karen Marie Lammers

Application No. 10/089,576

Confirmation No.: 2520

Filed: March 29, 2002

Examiner: Not Yet Assigned

"METHODS OF TREATING HAIR LOSS
COMPRISING ADMINISTERING INDOLINE
COMPOUND"

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

Gregory J. Hartwig
Gregory J. Hartwig
Reg. No. 46,761

File No. 092271-9013-00

Michael Best & Friedrich LLP
100 East Wisconsin Avenue
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	1	of	1
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Complete if Known

Application Number	10/089,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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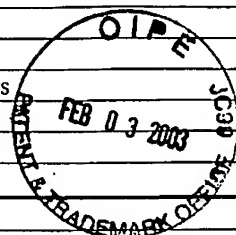
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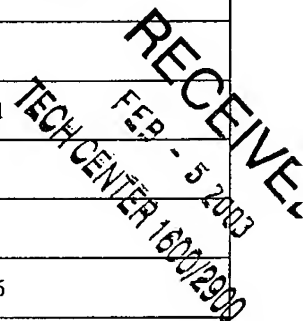
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				Application Number	10/089,576
				Filing Date	March 29, 2002
				First Name Inventor	Karen Marie Lammers
				Group Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	092271-9013-00



U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		4,711,855	Feinberg	12/8/1987
		5,061,798	Emmett, et al.	10/29/1991
		5,284,971	Walker	2/8/1994
		5,401,772	Yokoyama	3/28/1995
		5,569,674	Yokoyama et al.	10/29/1996
		5,654,468	Yokoyama et al.	8/5/1997
		5,807,820	Elias	9/15/1998
		5,883,294	Scanlan et al.	3/16/1999
		6,174,925	Bailey, et al.	1/16/2001
		6,221,911	Lavin et al.	4/24/2001



FOREIGN PATENT DOCUMENTS					
Examiner Initials		Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		DE	1617477	Fisher, et al.	1/8/1970
		GB	2138286	Mortimer	10/24/1984
		GB	859546	Hellbaum	10/11/1968
		EP	0580550	Ciba Geigy	1/26/1994
		FR	2755965	Galderma	5/22/1998
		WO	9625943	Life Medical	8/29/1996
		JP	61165311	Kinji Takeo	7/26/1986
		EP	0749752	University of California	05/08/2002
		WO	0000468	_____	10/1/2000
		EP	0123528	Mortimer	10/31/1984



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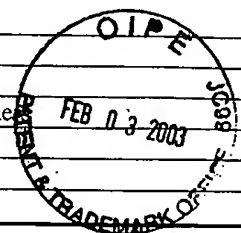
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		"Hair Growth-Stimulating Effects of Cyclosporin A and Fk506, Potent Immunosuppressants", Journal of Dermatological Service, Vol. 7 (suppl.), pgs. S47-S54 (1994).
		"Hair Growth Modulation by Topical Immunophilin Ligands", American Journal of Pathology, Vol. 150, No. 4, pp. 1433-1441 (April 1997).
		"Hair Growth Control by Immunosuppression:", Archives of Dermatological Research, Vol. 288, No. 7, pgs. 408-410 (1996).
		Cyclosporin A, PSC 833 and FK 506, but not Cyclosporin H and Rapamycin, Induce Anagen and Inhibit Catagen in Murine Skin", The Journal of Investigative Dermatology, Vol. 101, No. 3, p. 420 (1993).
		"Cyclosporin A, FK 506 and Related Drugs as Tools for Hair Research", Archives of Dermatological Research, Vol. 285, Nos. 1-2, p. 80 (1993).
		"Cyclosporins - New Analogues by Precursor Directed Biosyntheses", The Journal of Antibiotics, Vol. 42, No. 4, pp. 591-597 (1989).
		N. Yokoyama: "Synthesis and structure-activity relationships of oxamic acid and acetic acid derivatives related to L-Threonine", Journal of Medicinal Chemistry, US, American Chemical Society, Washington, Vol. 38, No. 4, 1995, Pgs. 695-707.
		Vinod. K. Sharma et al: "Evaluation of thyroid function in North Indians with alopecia areata: Response to intravenous injection of 100microgram thyrotropin releasing hormone (TRH)", Vol. 26, No. 6, pgs. 339-342 (1999).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/089,576
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				First Name Inventor	Karen Marie Lamme
				Group Art Unit	1614
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(use as many sheets as necessary)				Attorney Docket Number	092271-9013-00
Sheet	1	of	13		

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	5,773,663	Rehing, et al.	6/30/1998
	5,580,722	Liechtfried, et al.	12/3/1996
	3,530,146	Newman, et al.	9/22/1970
	3,616,237	Newman, et al.	10/26/1971
	4,323,691	Ours, et al.	4/6/1982
	4,425,404	Suzuki, et al.	1/10/1984
	4,683,241	Miyano, et al.	7/28/1987

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	WO	9857919	University of California	12/23/1998
	WO	9420062	Ballas, et al.	9/15/1994
	JP	2300148	Tanabe Seiyaku	12/12/1990
	EP	0379935	Tanabe Seiyaku	8/1/1990
	EP	0371484	Tanabe Seiyaku	6/6/1990
	AT	388372	Tanabe Seiyaku	6/12/1989
	JP	63146845	Tanabe Seiyaku	6/18/1988
	EP	251315	Tanabe Seiyaku	1/7/1988
	EP	188248	Tanabe Seiyaku	7/23/1986
	WO	9857919	University of California	12/23/1998
	JP	10158382	Asahi Chem. Ind.	6/16/1998
	JP	10133427	Fuji Xerox Co.	5/22/1998
	EP	810281	Interlab Corp.	12/3/1997
	WO	9707790	Interlab Corp.	3/6/1997
	JP	8267922	Nippon Paper	10/15/1996
	JP	8267932	Nippon Paper Ind.	10/15/1996
	JP	8277243	American Cyanamid	10/22/1996

FOREIGN PATENT DOCUMENTS

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	JP	8092082	Kirin Brewery	4/9/1996
	DE	4405469	Ciba-Geigy	8/24/1995
	WO	9420062	Ballas, et al.	9/15/1994
	JP	7149614	Shiseido Co.	6/13/1995
	JP	6172340	Nippon Mektron	6/21/1994
	JP	4368379	Nat Science	12/21/1992
	JP	04368379	Tokyo Shib.	12/21/1992
	DE	4214313		11/5/1992
	EP	498707	Oreal	8/12/1992
	WO	9212635	Oncogene Sci. Inc.	8/6/1992
	JP	4052646	Mitsubishi Kasei	2/20/1992
	EP	0454165	Hitachi Ltd.	10/30/1991
	WO	9101379	Oncogene Sci.	2/7/1991
	PL	138940	University of Mikoloja	11/29/1986
	EP	0360701	Rhone Poulenc	3/28/1990
	JP	63279246	Nippon Zeon Co.	11/16/1988
	EP	243956	Aschi Chem.	11/4/1987
	JP	62150245	Japan Synthetic	7/4/1987
	CA	1179269	Rosenbaum	12/11/1984
	FR	2543434	Muller	10/5/1984
	JP	59041343	Chisso KK	3/7/1984
	PL	119115	University of Mikoloja	11/30/1981
	EP	51023	Socieke de Rech	5/5/1982
	DE	2014514	Merck	10/8/1970

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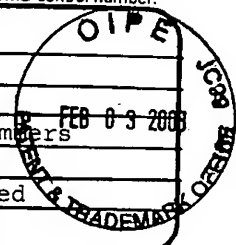
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/089,576
			Filing Date	March 29, 2002
			First Named Inventor	Karen Marie Lambers
			Group Art Unit	1614
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	092271-9013-00
Sheet	3	of	13	



OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YOSHIHARA, et al., Bioorg. Med. Chem. (1998), pp. 1179-1183, 6 (8).	
		CHIELLINI, et al., Chem. Biol. (1998), pp. 299-306, 5 (6).	
		JI, et al., Yaxue Xuebao (1998), pp. 72-74, 33 (1).	
		KRUMM, et al., Inorg. Chem. (1997), pp. 5222-5230, 36 (23).	
		KURODA, et al., Chem. Pharm. Bull. (1997), pp. 678-684, 45 (4).	
		KURODA, et al., J. Org. Chem. (1996), pp. 9560-9563, 61 (26).	
		IWASAKI, et al., Chem. Pharm. Bull. (1995), pp. 1701-5, 43 (10).	
		YASUDA, et al., Mokuzai Gakkaishi (1986), pp. 51-8, 32 (1).	
		KEAY, et al., Can. J. Chem. (1983), pp. 1987-95, 61 (9).	
		BOGOSLOVSKII, et al., Org. Khim. (1976), pp. 39-43. Gor'kogo, Perm. USSR.	
		LAPKIN, et al., Zh. Org. Khim. (1972), pp. 292-3, 8 (2).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 13

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Application Number	10/089,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

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		VASILEVSKAYA, et al., Zh. Org. Khim. (1970), pp. 126-32, 6 (1).	
		YOSHIHARA, et al., Bioorg. Med. Chem. (1998), pp. 1179-1183, 6 (8).	
		DEMBRI, et al., Mol. Cell. Endocrinol. (1984), pp. 223-32, 37 (2).	
		CODY, et al., Acta Crystallogr., Sect. B (1982), pp. 2270-2, B38 (8).	
		ITO, et al., Chem. Pharm. Bull, (1997), pp. 1403-1413, 45 (9).	
		MERCER, et al., Polymer (1997), pp. 1989-1995, 38 (8).	
		GOODWIN, et al., Macromolecules (1997), pp. 2767-2774, 30 (9).	
		KRUMM, et al., Inorg. Chem. (1997), pp. 366-381, 36 (3).	
		NISHIDA, et al., Inorg. Chem. (1995), pp. 6085-92, 34 (24).	
		VERMA, et al., Nat. Prod. Lett. (1994), pp. 105-10, 5 (2).	
		MEHTA, et al., Tetrahedron (1994), pp. 11729-42, 50 (40).	

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Sheet 5 of 13

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		FLETCHER, et al., Organohalogen Compd. (1993), 12 (Dioxin '93, 13th International Symposium on Chlorinated Dioxins and Related Compounds, 1993), pp. 103-6.	
		MINAMI, et al., Phytochemistry (1994), pp. 501-6, 36 (2).	
		LIN, et al., J. Pharm. Sci. (1992), pp. 1109-12, 81 (11).	
		SINGH, et al., Pol. J. Chem. (1992), pp. 469-75, 66 (3).	
		ELIX, et al., Aust. J. Chem. (1991), pp. 1157-62, 44 (8).	
		ELIX, et al., Aust. J. Chem. (1990), pp. 1591-5, 43 (9).	
		ELIX, et al., Aust. J. Chem. (1990), pp. 1291-5, 43 (7).	
		HORNE, et al., J. Org. Chem. (1990), pp. 4520-2, 55 (15).	
		BIRKBECK, et al., Aust. J. Chem. (1990), pp. 419-25, 43 (2).	
		PULGARIN, et al., Helv Chim. Acta (1989) pp. 1061-5, 72 (5).	
		AURELL, et al., J. Nat. Prod. (1989), pp. 852-7, 52 (4).	

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		COMBER, et al., J. Chem. Soc., Perkin Trans. 1 (1989), pp. 441-8, (3).	
		SANT'ANA, et al., F.E.C.S. Int. Conf. Chem. Biotechnol. Biol. Act. Nat. Prod., [Proc.] 3rd (1987), Meeting Date 1985, Volume 4, pp. 363-6.	
		GIL, et al., J. Nat. Prod. (1988), pp. 339-43, 51 (2).	
		SANNICOLO, Gazz. Chim. Ital. (1985), pp. 91-5, 115 (2).	
		KELLMAN, et al., ACS Symp. Ser. (1987), 326 (Phase Transfer Catal.: New Chem., Catal., Appl.), pp. 128-42.	
		FUJII, et al., J. Biochem. (Tokyo) (1987), pp. 11-18, 101 (1).	
		ODA, et al., Chem. Pharm. Bull. (1986), pp. 858-63, 34 (2).	
		GUZINGER, et al., Helv. Chim. Acta (1985), pp. 1940-7, 68 (7).	
		AHLUWALIA, et al., Monatsh. Chem. (1985), pp. 869-72, 116 (6-7).	
		PULGARIN, et al., Helv. Chim. ACTA (1985), pp. 945-8, 68 (4).	
		PLATTNER, et al., Diuretics: Chem., Pharmacol., Clin. Appl., Proc. Int. Conf. Diuretics, 1st (1984), pp. 21-9.	

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		DEMBRI, et al., Mol. Cell. Endocrinol (1984), pp. 223-32, 37 (2).	
		MAHANDRU, et al., J. Chem. Soc., Perkin Trans. 1 (1983), pp. 2249-51, (9).	
		MAHANDRU, et al., J. Chem. Soc., Perkin Trans. 1 (1983), pp. 413-16, (2).	
		RUMINSKI, Chem. Ber. (1983), pp. 970-9, 116 (3).	
		CODY, Acta Crystallogr, Sect. B (1982), B38(8), 2270-2.	
		SHAPIRO, et al., J. Protozool. (1982), pp. 85-90, 29 (1).	
		MALHOTRA, et al., Indian J. Chem., Sect. B (1982), pp. 107-8, 21B (2)	

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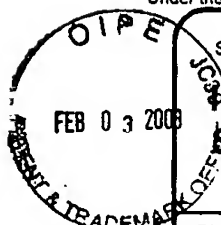
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8 of 13

Complete if Known

Application Number	10/089,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BASLAS, et al., Acta Cienc. Indica, [Ser.] Chem. (1981), pp. 31-4, 7 (1-4).	
		SARGENT, J. Chem. Soc., Perkin Trans. 1 (1982), pp. 403-11, (2).	
		CULLEN, et al., Aust. J. Chem. (1981), pp. 2701-3, 34 (12).	
		FUJITA, et al., Phytochemistry (1981), pp. 2183-5, 20 (9).	
		CORREA, et al., Phytochemistry (1981), pp. 305-7, 20 (2).	
		MCEWEN, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 883-6, (3).	
		SALA, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 887-82, (3).	
		FINLAY-JONES, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 874-6, (3).	
		SALA, et al., J. Chem. Soc., Perkin Trans. 1 (1981), pp. 855-69, (3).	
		COTTERILL, et al., J. Chem. Soc., Perkin Transd. 1 (1980), pp. 2353-7, (11).	

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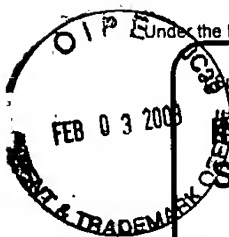
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Sheet 9 of 13

Complete if Known

Application Number	10/089,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

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		DANILENKO, et al., Izv. Akad. Nauk SSSR, Ser. Khim. (1980), pp. 1606-11, (7).	
		FUJITA, et al., Chem. Pharm. Bull. (1980), pp.2482-6, 28 (8).	
		FITZPATRICK, et al., J. Chem. Soc., Perkin Trans. 1 (1980), pp. 85-9, (1).	
		SUNDHOLM, Acta Chem. Scand., Ser. B (1979), pp. 475-82, B33 (7).	
		SATO, et al., Symp. Pap. - IUPAC Int. Symp. Chem. Nat. Prod., 11th (1978), Volume 1, pp.175-8.	
		ANDREEV, et al., Izv. Sib. Otd. Akad. Nauk SSR, Ser. Tekh. Nauk (1979), pp. 124-9, (2).	
		BASLAS, et al., Curr. Sci. (1979, pp. 814-15, 48 (18).	
		ZHARKOVA, et al., Rev. Phys. Appl. (1979), pp. 555-8, 14 (4).	
		AVNIR, et al., J. Chem. Soc., Chem. Commun. (1978), pp. 1109-10, (24).	
		SALA, et al., J. Chem. Soc., Chem. Commun. (1978), pp. 1043-4, (23).	
		FERINGA, et al., Bioorg. Chem. (1978), pp. 397-498, 7 (4).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	10/089,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

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		SATO, et al., Tennen Yuki Kagobutsu Toronkai Koen Yoshishu, 21st (1978), pp.152-8; Publisher Hokkaido Daizku, Sapporo, Japan.	
		SUNDHOLM, Tetrahedron (1978), pp. 577-86 34 (5).	
		PRASHAD, et al., Indian J. Chem., Sect. B (1978), pp. 142-3, 16B (2).	
		SATO, et al., J. Chem. Soc., Chem. Commun. (1978), pp. 135-6, (3).	
		FERINGA, et al., Tetrahedron Lett. (1977), pp. 4447-50, (50).	
		DJURA, et al., J. Chem. Soc., Perkin Trans. 1 (1978), pp. 395-400, (4).	
		BROADHURST, et al., J. Chem. Soc., Perkin Trans. 1 (1977), pp. 2502-12, (22).	
		FUJITA, et al., Tetrahedron Lett. (1977), pp. 4503-6, (51).	
		SCHWEPPE, Mikrochim. Acta (1977), pp. 583-96, 2 (5-6).	
		UEDA, et al., Bull. Chem. Soc. Jpn. (1977), pp. 193-6, 50 (1).	
		SARGENT, et al., Aust. J. Chem. (1976), pp. 2263-9, 29 (10).	

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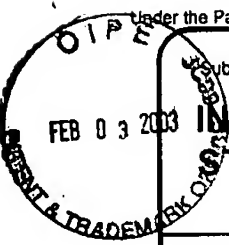
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Sheet 11 of 13

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Application Number	10/098,576
Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

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		HARRIS, J. Am. Chem. Soc. (1976), pp. 5380-6, 98 (17).	
		SARGENT, et al., Aust. J. Chem. (1976), pp. 907-14, 29 (4).	
		CHEVOLOT-MAGUEUR et al., Phytochemistry (1976), pp. 767-71, 15 (5).	
		HOLLOWAY, et al., Phytochemistry (1975), pp. 2517-18, 14 (11).	
		OWEN, et al., J. Chem. Soc., Perkin Trans. 1 (1975) pp. 1380-6, (14).	
		KROELLER, Mitteilungsbl. GDCH-Fachgruppe Lebensmittelchem. Gerichtl. Chem. (1975), pp. 181-2, 29 (5).	
		GHOSAL, et al., J. Chem. Soc., Perkin Trans. 1 (1974), pp. 2538-41, (22).	
		HASSALL, et al., J. Chem. Soc., Perkin Trans. 1 (1973), pp. 2853-61, (23).	
		SARGENT, Can. J. Chem. (1973), pp. 4088-9, 51 (24).	
		QUILLINAN, et al., J. Chem. Soc., Perkin Trans. 1 (1973), pp. 1329-37, (13).	
		HENDRICKSON, et al., J. Amer. Chem. Soc. (1972), pp. 6834-43, 94 (19).	

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Filing Date	March 29, 2002
First Named Inventor	Karen Marie Lammers
Group Art Unit	1614
Examiner Name	Not Yet Assigned
Attorney Docket Number	092271-9013-00

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		KOCH, Angew. Makromol. Chem. (1971), pp. 21-33, 20.	
		ISAKA, et al. Yakugaku Zasshi (1971), pp. 1027-9, 91 (9).	
		LUBENETS, et al., Zh. Org. Khim. (1971), pp. 805-12, 7 (4).	
		NEWMAN, J. Heterocycl. Chem. (1970), pp. 957-8, 7 (4).	
		LUBENETS, et al., Zh. Org. Khim. (1970), pp. 365-8, 6 (2).	
		SARGENT, et al., J. Chem. Soc. C (1969), pp. 2763-7, (19).	
		FINDLAY, et al., J. Chem. Soc. C (1969), pp. 2761-2, (19).	
		NEWMAN, J. Org. Chem. (1969), pp. 1463-5, 34 (5).	

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Sheet

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of

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Complete if Known

Application Number

10/089,576

Filing Date

March 29, 2002

First Named Inventor

Karen Marie Lammers

Group Art Unit

1614

Examiner Name

Not Yet Assigned

Attorney Docket Number

092271-9013-00

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		LAUER, et al., Chem. Ber. (1969), pp. 1631-40, 102 (5).	
		KAMIKURA, Shokuhin Eiseigaku Zasshi (1968), pp. 348-57, 9 (5).	
		ATKINSON, et al., J. Chem. Soc. C (1969), pp. 281-7, (2).	
		CHAMBERS, et al., Tetrahedron (1969), pp. 565-72, 25 (3).	
		SEGAL, et al., J. Pharm. Sci. (1968), pp. 874-6, 57 (5).	
		SEIKEL, et al., Tetrahedron (1968), pp. 1475-88, 24 (3).	
		ISAKA, et al., Yakugaku Zasshi (1967), pp. 1288-9, 87 (10).	
		OKUDA, et al., Yakugaku Zasshi (1967), pp. 1003-5, 87 (8).	
		LOCKSLEY, et al., Tetrahedron (1967), pp. 2229-34, 23 (5).	
		BROWN, Bull. Natl. Inst. Sci. India (1965), No. 31, pp. 167-78.	

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